DRAFT

Inasmuch as $\phi_{13} = 2r_{13}$, then

$$0.4r_{13} \leq d_{113} \leq r_{13} \qquad (2)$$

Now Matter how can one answer the [handwritten]

The distance, a, is preferably approximately 30% d_{113}. Thus

? How [handwritten]

$$d_o = D_{113} - 0.3\, d_{113} = 0.7\, d_{113} \qquad (3)$$

Where does this come from [handwritten]

whereby equation (2) becomes

$$0.4r_{13} \leq \left(\frac{1}{07}\right) d_o \leq r_{13} \qquad (4)$$

0.7 [handwritten]

The above-defined relationship between the target body radius, r_1, and the radius of the workpiece to be coated, r_{13},

$$1.3r_{13} \leq r_1 \leq 1.4r_{13} \qquad \text{or} \qquad (5)$$

$$r_{13/min} = \frac{r_1}{14} \qquad \text{and} \qquad r_{13/max} = \frac{r_1}{13} \qquad (6)$$

Using the left-hand side of equation (4) as the lower limit and the right-hand side of that equation side as the upper limit, equation (6) becomes

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